

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050146591"	US-PGPUB; USPAT	OR	ON	2007/03/21 18:03
S2	1	("6766817").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 18:08
S3	1	("6766918").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 18:09
S4	1	("0555461").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 18:10
S5	0	"2002128578"	US-PGPUB; USPAT	OR	ON	2007/03/21 18:12
S6	1	"20020128578"	US-PGPUB; USPAT	OR	ON	2007/03/21 18:19
S7	0	"20026431695"	US-PGPUB; USPAT	OR	ON	2007/03/21 18:22
S8	0	"200206431695"	US-PGPUB; USPAT	OR	ON	2007/03/21 18:20
S9	0	"20026431695"	US-PGPUB; USPAT	OR	ON	2007/03/21 18:21
S10	0	"19980099555"	US-PGPUB; USPAT	OR	ON	2007/03/21 18:21
S11	1	("6431695").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 18:28
S12	1	("6514412").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 18:31
S13	1	("6080243").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 18:35
S14	1	("6290685").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/21 18:35
S15	1	("5242646").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:02
S16	1	("5671511").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:08
S17	1	("6784289").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:10
S18	1	("6876115").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:10
S19	1	("6874777").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:13
S20	1	("6557558").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:14
S21	1	("7010583").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:30

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S22	1	("6416642").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:34
S23	1	("6094590").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 09:34
S24	1	"20060023020"	US-PGPUB; USPAT	OR	ON	2007/03/22 09:37
S25	367	347/22.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/22 09:38
S26	1006	347/22	US-PGPUB; USPAT	OR	ON	2007/03/22 09:38
S27	16	S25 and (head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (member or unit or part or portion or plate or section or piece or element))	US-PGPUB; USPAT	OR	ON	2007/03/22 14:59
S28	10	("4306245" "4437568" "4727986" "4868700" "5500658" "5557306").PN. OR ("5864348"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:01
S29	10	("4306245" "4437568" "4727986" "4868700" "5500658" "5557306").PN. OR ("5864348"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:17
S30	4	("4340897" "5793390" "5864348" "6241337").PN. OR ("6869161").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:51
S31	33	("4112435" "4123761" "4144537" "4306245").PN. OR ("4340897").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:54
S32	33	("4112435" "4123761" "4144537" "4306245").PN. OR ("4340897").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 10:55
S33	44	("4223322" "4340897").PN. OR ("4369456").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:30

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S34	104	("20020160160" "20030089450" "20040017458" "20040121068" "3523818" "3658631" "3823947" "3827699" "4029368" "4138229" "4287264" "4289535" "4304700" "4369456" "4422119" "4446205" "4476177" "4497851" "4536218" "4644370" "4675705" "4737252" "4834739" "4873078" "4933015" "5011480" "5015608" "5108834" "5213588" "5227226" "5271990" "5316344" "5358402" "5378676" "5389129" "5416058" "5451559" "5472058" "5474966" "5525417" "5536328" "5536627" "5537140" "5547914" "5551960" "5563646" "5569347" "5573693" "5582953" "5587350" "5665462" "5665472" "5672428" "5688060" "5716717" "5716900" "5776280" "5865548" "5875719" "5891294" "5891476" "5926197" "5936816" "5965244" "5975988" "5981058" "5985076" "5995126" "5997227" "6008157" "6013409" "6024950" "6028614" "6031021" "6031556" "6045646" "6051097" "6051171" "6060234" "6071585" "6074100" "6078346" "6082912" "6083610" "6083872" "6084623" "6086700" "6086987" "6090747" "6102534" "6103389" "6113725" "6114088" "6116709" "6117572" "6118467" "6121356" "6124239" "6124944" "6127316" "6210490" "6284425" "6332953").PN. OR ("7182532"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:31
S35	35	("3299464" "3821829" "4479136" "4499627" "4558482").PN. OR ("4933015"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:43

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S36	44	("0874010" "1851811" "2666223" "2816312" "2886841" "3029457" "3069815" "3335221" "3477083" "3577507" "3706491" "3914817" "4010514" "4145231" "4328275" "4408241" "4781957" "4933015").PN. OR ("5153964"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 12:15
S37	19	("3789452" "4104436" "4933015" "5075919" "5153964").PN. OR ("5227226"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 12:20
S38	36	("2796367" "4357615" "4402599" "4611361" "4686132" "4891265" "4933015" "5026587" "5138390" "5153964").PN. OR ("5227844"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 12:23
S39	21	("4357615" "4408241" "4515466" "4611361" "4628388" "4686132" "4933015" "5075919" "5153964" "5223329" "5227844" "5239316" "5300958" "5560980" "5564970" "5589865" "5754197" "5864348" "5949448" "6151044").PN. OR ("6673160"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 12:29
S40	19	("3789452" "4104436" "4933015" "5075919" "5153964").PN. OR ("5227226"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 12:52
S41	8	("4223322" "4369456" "4935753" "5239316" "5534898" "5606354" "5914734" "6644776").PN. OR ("6957881"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 14:03
S42	30	("3346869").PN. OR ("4112435"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 14:24
S43	1	("5555461").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 14:24
S44	71	("4364065" "4638337" "4679059" "4746938" "4849774" "4853717" "4855764" "5065158" "5151715" "5182582").PN. OR ("5555461"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 14:43

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S45	1	("6871936").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 14:43
S46	2	S25 and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and ((ink or fluid or liquid)adj recovery)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:16
S47	4	S26 and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and ((ink or fluid or liquid)adj recovery)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:21
S48	21	"347".clas. and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and ((ink or fluid or liquid)adj recovery)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:26
S49	19	"347".clas. and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and (ink adj recovery)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:28
S50	92	"347".clas. and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and (groove)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:28

EAST Search History

S51	30	"347".cls. and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and (groove)and (recover)	US-PGPUB; USPAT	OR	ON	2007/03/22 16:24
S52	10	347/33.ccls.and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and (groove)and (recover)	US-PGPUB; USPAT	OR	ON	2007/03/22 16:27
S53	10	347/33 and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and (groove)and (recover)	US-PGPUB; USPAT	OR	ON	2007/03/22 16:28
S54	25	347/33 and ((head adj (cleaning or purge or cleanup or washing or maintenance or service) adj (device or mecanism or member or unit or part or portion or plate or section or piece or element))or(cleaning adj(sheet or media or paper)))and (pump or suction)and (groove)	US-PGPUB; USPAT	OR	ON	2007/03/22 16:33
S55	723	347/33.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/22 16:33
S56	263	347/33.ccls. and (groove)	US-PGPUB; USPAT	OR	ON	2007/03/22 17:07
S57	159	347/33.ccls. and (groove)and (pump or suction or sucing)	US-PGPUB; USPAT	OR	ON	2007/03/22 16:59
S58	124	347/33.ccls. and (groove)and (pump or suction or sucing)and (opening)	US-PGPUB; USPAT	OR	ON	2007/03/22 16:40
S59	3	347/33.ccls. and (groove)and (pump or suction or sucing)and (opening)and (shutter)	US-PGPUB; USPAT	OR	ON	2007/03/22 16:38
S60	260	S56 not (S58 and S59)	US-PGPUB; USPAT	OR	ON	2007/03/22 17:13

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S61	391	"347".clas. and (parallel adj groove)	US-PGPUB; USPAT	OR	ON	2007/03/22 17:15
S62	162	"347".clas. and (parallel adj groove)and (pump or suc\$4)	US-PGPUB; USPAT	OR	ON	2007/03/22 17:21
S63	424	347/28	US-PGPUB; USPAT	OR	ON	2007/03/22 17:22
S64	688658	347/28and groove	US-PGPUB; USPAT	OR	ON	2007/03/22 17:22
S65	96	347/28 and groove	US-PGPUB; USPAT	OR	ON	2007/03/22 17:22
S66	96	347/28 and groove	US-PGPUB; USPAT	OR	ON	2007/03/22 17:34
S67	143	347/35 and groove	US-PGPUB; USPAT	OR	ON	2007/03/22 17:34
S68	38	("4207578" "4469026" "4651173" "5040000" "5124728" "5214442" "5349905").PN. OR ("5717446").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 17:48
S69	1	"20030202036"	US-PGPUB; USPAT	OR	ON	2007/03/22 17:59
S70	0	"20010778524"	US-PGPUB; USPAT	OR	ON	2007/03/22 18:37
S71	0	"2001778524"	US-PGPUB; USPAT	OR	ON	2007/03/22 18:37
S72	0	"200100778524"	US-PGPUB; USPAT	OR	ON	2007/03/22 18:37
S73	0	"200100778524"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 18:37
S74	0	"20010778524"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 18:53
S75	1	("6080243").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 18:53
S76	1	("5827246").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 18:54
S77	1	("3455376").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 18:55

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S78	1	("5606201").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 18:56
S79	1	("3415502").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/22 18:57
S80	0	WO-02062568-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 18:58
S81	0	WO-2002062568-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 18:59
S82	0	WO-2002062568-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 18:59
S83	1	EP-1358064-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 19:00
S84	2	"20020146540"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/22 19:00
S85	1	("4256610").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/26 17:42
S86	1	("4007465").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/26 17:42
S87	22	("3900162" "3974508").PN. OR ("4007465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 17:58
S88	1	("4050078").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/26 17:58

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S89	1	("4112435").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/26 18:01
S90	1	("4223322").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/26 18:01
S91	33	("3039438" "3747120" "3945020" "3946398" "4144537").PN. OR ("4223322"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 18:02
S92	1	"4500894".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:17
S93	1	"4479136".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:17
S94	1	"4371881".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:17
S95	1	"4045802".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:17
S96	1	"4223322".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:18
S97	1	"4241357".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:18
S98	1	"4253103".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:19
S99	1	"4300145".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:19
S10 0	1	"4317124".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:23
S10 1	1	"4367479".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:24
S10 2	1	"4371881".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:24
S10 3	1	"4367479".PN.	USPAT; USOCR	OR	ON	2007/03/26 18:25
S10 4	15	("3839721" "4045802" "4177471" "4199767").PN. OR ("4300145").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 18:28
S10 5	1	("4369456").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/26 18:28
S10 6	38	("4207578" "4469026" "4651173" "5040000" "5124728" "5214442" "5349905").PN. OR ("5717446").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/26 18:34
S10 7	1	("5555461").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/27 09:39

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S10 8	71	("4364065" "4638337" "4679059" "4746938" "4849774" "4853717" "4855764" "5065158" "5151715" "5182582").PN. OR ("5555461"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 09:40
S10 9	36	("0218431" "2687916" "4223324").PN. OR ("4364065"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 09:53
S11 0	26	("3839721" "4223324" "4228442" "4296418" "4364065").PN. OR ("4432004"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 10:17
S11 1	16	("4364065" "4571599" "4638337" "4679059" "4746938" "4849774" "4853717" "4855764" "5121130" "Re32572").PN. OR ("5329306"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 10:29
S11 2	71	("4364065" "4638337" "4679059" "4746938" "4849774" "4853717" "4855764" "5065158" "5151715" "5182582").PN. OR ("5555461"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 10:57
S11 3	53	("3373437" "3416153" "3705043" "3776642" "3846141" "3870528" "3878519" "3889269" "3903034" "4340897" "4346387" "4591870" "4600928" "4849769" "4951066" "4959673" "4970535" "5115250" "5148746" "5151715" "5202702" "5305015" "5350616" "5396271" "5412411" "5426458" "5431722" "5489927" "5500660" "5539435" "5555461" "5574485" "5583548" "5612722" "5614930" "5683187" "5706038" "5717445" "5725647" "5738716" "5745133" "5774140" "5790146" "6000792").PN. OR ("6241337").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 13:26
S11 4	1	"20060023020"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 13:53
S11 5	1	("6290685").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/27 13:54